



Granite City Works  
United States Steel  
20<sup>th</sup> & State Street  
Granite City, IL 62040  
(618) 451-3456

May 25, 2017

Mr. Ray Pilapil  
Manager of Permit Section  
Division of Air Pollution Control  
Illinois Environmental Protection Agency  
P.O. Box 19276  
Springfield, Illinois 62794

CERTIFIED MAIL NO: 7015 1520 0002 0606 0630

**SUBJECT: United States Steel Corporation - Granite City Works**  
**Facility ID No. 119813AAI**  
**Application to Revise Permit No. 10080021**

Dear Mr. Pilapil,

Pursuant to Paragraph 31 of the Consent Decree resolving Case No. 2:12-cv-304, as entered by the Court on March 30, 2017, U. S. Steel respectfully requests a revision to Permit #10080021, which addresses the steam rings installed on the Basic Oxygen Process Furnaces.

Specifically, U. S. Steel is requesting that the permit be revised to provide that U. S. Steel continue to use the steam rings at all times of the refining operation, except during times of malfunction of steam rings or associated systems necessary for operation of the steam rings, and U. S. Steel shall report any such malfunction as provided for in its permit.

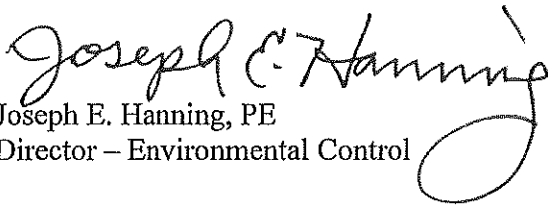
The above change is being requested to clarify the requirements of the existing permit, which requires that the steam rings be operated in accordance with good air pollution control practices. This change will not result in an increase in emissions. As such, it is not a major project subject to Nonattainment New Source Review or Prevention of Significant Deterioration.

Please find the following items enclosed in this submittal:

1. 199-CAAPP form
2. 197-fee determination form
3. "Red-line" of suggested revised permit
4. Check for \$500.00 administrative fee

U. S. Steel appreciates the agency's attention to this matter. If you have any questions or require any additional information, please contact Chris Hardin via email at [CWHardin@uss.com](mailto:CWHardin@uss.com) or by phone at (412) 433-5904 or contact Guy Lawrence via email at [GWLawrence@uss.com](mailto:GWLawrence@uss.com) or by phone at (618) 451-3459.

Sincerely,

  
Joseph E. Hanning, PE  
Director – Environmental Control

Enclosures

cc: **State of Illinois:**

Mr. Chris Romaine  
Manager of Permit Section  
Division of Air Pollution Control  
Illinois Environmental Protection Agency  
P.O. Box 19276  
Springfield, Illinois 62794

Mr. Minesh Patel  
Division of Air Pollution Control  
Illinois Environmental Protection Agency  
P.O. Box 19276  
Springfield, Illinois 62794

Rebecca A. Burlingham  
Supervising Attorney  
Illinois Attorney General's Office  
Environmental Bureau  
69 West Washington Street, 18th Floor  
Chicago, IL 60602  
312-814-3776  
[rburlingham@atg.state.il.us](mailto:rburlingham@atg.state.il.us)

Chris Pressnall  
Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276  
217-524-3003  
[Chris.pressnall@illinois.gov](mailto:Chris.pressnall@illinois.gov)

Manager, Compliance Unit  
Illinois EPA - Bureau of Air  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

Manager, Bureau of Air - Field Operations Section  
Collinsville Regional Office  
2009 Mall Street  
Collinsville, IL 62234

**USEPA:**

Compliance Tracker (AE-17J)  
Air Enforcement and Compliance Assurance Branch  
U.S. Environmental Protection Agency  
Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604

Eric Cohen  
Office of Regional Counsel, C-141  
US EPA, Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604

**DEPARTMENT OF JUSTICE:**

U.S. Department of Justice by email:  
[Eesdcopy.enrd@usdoj.gov](mailto:Eesdcopy.enrd@usdoj.gov)  
Re: DJ # 90-5-2-1-06476/1

U.S. Department of Justice by mail:

EES Case Management Unit  
Environment and Natural Resources Division  
U.S. Department of Justice  
Box 7611  
Washington, D.C., 20044-7611  
Re: DJ# 90-5-2-1-06476/1

**United States Steel Corporation:**

David W. Hacker  
Counsel - Environmental  
United States Steel Corporation  
Law Department  
600 Grant Street - Room 1500  
Pittsburgh, PA 15219  
[dwhacker@uss.com](mailto:dwhacker@uss.com)



Illinois Environmental Protection Agency  
Division Of Air Pollution Control -- Permit Section  
P.O. Box 19506  
Springfield, Illinois 62794-9506

<b>Construction Permit Application</b> for a <b>Proposed Project</b> at a CAAPP Source	For Illinois EPA use only
	ID No.:
	Appl. No.:
	Date Rec'd:
Chk No./Amt:	

This form is to be used to supply general information to obtain a construction permit for a proposed project involving a Clean Air Act Permit Program (CAAPP) source, including construction of a new CAAPP source. Detailed information about the project must also be included in a construction permit application, as addressed in the "General Instructions For Permit Applications," Form APC-201.

<b>Proposed Project</b>
1. Working Name of Proposed Project: U. S. Steel Granite City Works Steam Rings for BOPF - Permit revisions
2. Is the project occurring at a source that already has a permit from the Bureau of Air (BOA)? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide BOA ID Number: <u>1 1 9 8 1 3 A A 1</u>
3. Does this application request a revision to an existing construction permit issued by the BOA? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide Permit Number: <u>1 0 0 8 0 0 2 1</u>
4. Brief Description of Proposed Project: U. S. Steel is requesting revisions to Permit #10080021 to provide for use of steam rings at all times of the refining operation except during times of malfunction of steam rings or associated systems necessary for operation at BOPF, the steam rings.

<b>Source Information</b>		
1. Source name:* United States Steel Corporation - Granite City Works		
2. Source street address:* 1951 State Street		
3. City: Granite City	4. County: Madison	5. Zip code:* 62040
ONLY COMPLETE THE FOLLOWING FOR A SOURCE WITHOUT AN ID NUMBER.		
6. Is the source located within city limits? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, provide Township Name:		
7. Description of source and product(s) produced:	8. Primary Classification Code of source: SIC: <u>3 3 1 2</u> or NAICS: _____	
9. Latitude (DD:MM:SS.SSSS):	10. Longitude (DD:MM:SS.SSSS):	

\* Is information different than previous information? ☐ Yes ☒ No  
If yes, then complete Form CAAPP 273 to apply for an Administrative Change to the CAAPP Permit for the source.

<b>Identification of Permit Applicant</b>	
1. Who is the applicant? <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator	2. All correspondence to: (check one) <input checked="" type="checkbox"/> Source <input type="checkbox"/> Owner <input type="checkbox"/> Operator
3. Applicant's FEIN: 25-1897152	4. Attention name and/or title for written correspondence: Guy Lawrence/Environmental

This Agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.

Owner Information*		
1. Name: United States Steel Corporation		
2. Address: 600 Grant Street		
3. City: Pittsburgh	4. State: PA	5. Zip code: 15216

\* Is this information different than previous information? ☐ Yes ☒ No  
 If yes, then complete Form CAAPP 273 to apply for an Administrative Change to the CAAPP Permit for the source.

Operator Information (If different from owner)*		
1. Name United States Steel Corporation - Granite City Works		
2. Address: 1951 State Street		
3. City: Granite City	4. State: IL	5. Zip code: 62040

\* Is this information different than previous information? ☐ Yes ☒ No  
 If yes, then complete Form CAAPP 273 to apply for an Administrative Change to the CAAPP Permit for the source.

Technical Contacts for Application	
1. Preferred technical contact: (check one) <input checked="" type="checkbox"/> Applicant's contact <input type="checkbox"/> Consultant	
2. Applicant's technical contact person for application: Christopher Hardin/Environmental Engineer	
3. Contact person's telephone number(s): (412) 433-5915	4. Contact person's e-mail address: cwhardin@uss.com
5. Consultant for application: None	
6. Consultant's telephone number(s): N/A	7. Consultant's e-mail address: N/A

Other Addresses for the Permit Applicant	
ONLY COMPLETE THE FOLLOWING FOR A SOURCE WITHOUT AN ID NUMBER.	
1. Address for billing Site Fees for the source: <input checked="" type="checkbox"/> Source <input type="checkbox"/> Other (provide below):	
2. Contact person for Site Fees: Guy Lawrence	3. Contact person's telephone number: (618) 451-3459
4. Address for Annual Emission Report for the source: <input checked="" type="checkbox"/> Source <input type="checkbox"/> Other (provide below):	
5. Contact person for Annual Emission Report: Guy Lawrence	6. Contact person's telephone number: (618) 451-3459

Review Of Contents of the Application	
NOTE: ANSWERING "NO" TO THESE ITEMS MAY RESULT IN THE APPLICATION BEING DEEMED INCOMPLETE	
1. Does the application include a narrative description of the proposed project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Does the application clearly identify the emission units and air pollution control equipment that are part of the project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Does the application include process flow diagram(s) for the project showing new and modified emission units and control equipment, along with associated existing equipment and their relationships?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Does the application include a general description of the source, a plot plan for the source and a site map for its location?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Material previously provided
5. Does the application include relevant technical information for the proposed project as requested on CAAPP application forms (or otherwise contain all relevant technical information)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Does the application include relevant supporting data and information for the proposed project as provided on CAAPP forms?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Does the application identify and address all applicable emission standards for the proposed project, including: State emission standards (35 IAC Chapter I, Subtitle B); Federal New Source Performance Standards (40 CFR Part 60)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8. Does the application address whether the project would be a major project for Prevention of Significant Deterioration, 40 CFR 52.21?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
9. Does the application address whether the project would be a major project for "Nonattainment New Source Review," 35 IAC Part 203?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
10. Does the application address whether the proposed project would potentially be subject to federal regulations for Hazardous Air Pollutants (40 CFR Part 63) and address any emissions standards for hazardous air pollutants that would be applicable?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Source not major <input type="checkbox"/> Project not major <input checked="" type="checkbox"/>
11. Does the application include a summary of annual emission data for different pollutants for the proposed project (tons/year), including: 1) The requested permitted emissions for individual new, modified and affected existing units*, 2) The past actual emissions and change in emissions for individual modified units* and affected existing units*, and 3) Total emissions consequences of the proposed project? (* Or groups of related units)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A * The project does not involve an increase in emissions from new or modified emission units.
12. Does the application include a summary of the current and requested potential emissions of the source (tons/year)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Applicability of PSD, NA NSR or 40 CFR 63 to the project is not related to the source's emissions.
13. Does the application address the relationships and implications of the proposed project on the CAAPP Permit for the source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A* * CAAPP Permit not issued
14. If the application contains information that is considered a TRADE SECRET, has it been properly marked and claimed and all requirements to properly support the claim pursuant to 35 IAC Part 130 been met? Note: "Claimed" information will not be legally protected from disclosure to the public if it is not properly claimed or does not qualify as trade secret information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A* * No information in the application is claimed to be a TRADE SECRET
15. Are the correct number of copies of the application provided? (See Instructions for Permit Applications, Form 201)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16. Does the application include a completed "FEE DETERMINATION FOR CONSTRUCTION PERMIT APPLICATION," Form 197-FEE, a check in the amount indicated on this form, and any supporting material needed to explain how the fee was determined?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

### Signature Block

Authorized Signature:

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete and that I am a responsible official for the source, as defined by Section 39.5(1) of the Environmental Protection Act.

BY:

Michael E. Patton  
AUTHORIZED SIGNATURE

Plant Manager

TITLE OF SIGNATORY

Michael Patton

TYPED OR PRINTED NAME OF SIGNATORY

5 24 2017  
DATE



# Illinois Environmental Protection Agency

Bureau of Air • 1021 North Grand Avenue East • P.O. Box 19506 • Springfield • Illinois • 62794-9506

## FEE DETERMINATION FOR CONSTRUCTION PERMIT APPLICATION

### FOR AGENCY USE ONLY

ID Number: \_\_\_\_\_ Permit #: \_\_\_\_\_  
☐ Complete ☐ Incomplete Date Complete: \_\_\_\_\_  
Check Number: \_\_\_\_\_ Account Name: \_\_\_\_\_

This form is to be used to supply fee information that must accompany all construction permit applications. This application must include payment in full to be deemed complete. Make check or money order payable to the Illinois Environmental Protection Agency, Division of Air Pollution Control - Permit Section at the above address. Do NOT send cash. Refer to instructions (197-INST) for assistance.

### Source Information

1. Source Name: United States Steel Corporation - Granite City Works  
2. Project Name: Steam Rings for BOPF - Permit Revisions 3. Source ID #: (if applicable) 119813AAI  
4. Contact Name: Guy Lawrence 5. Contact Phone #: (618) 451-3459

### Fee Determination

6. The boxes below are automatically calculated.

Section 1 Subtotal \$0.00 + Section 2, 3 or 4 Subtotal \$500.00 = \$500.00  
Grand Total

### Section 1: Status of Source/Purpose of Submittal

7. Your application will fall under only one of the following five categories described below. Check the box that applies. Proceed to applicable sections. For purposes of this form:

- **Major Source** is a source that is required to obtain a CAAPP permit.
- **Synthetic Minor Source** is a source that has taken limits on potential to emit in a permit to avoid CAAPP permit requirements (e.g., FESOP).
- **Non-Major Source** is a source that is not a major or synthetic minor source.

- ☒ Existing source without status change or with status change from synthetic minor to major source or vice versa. Proceed to Section 2.
- ☐ Existing non-major source that will become synthetic minor to major source. Proceed to Section 4.
- ☐ New major or synthetic minor source. Proceed to Section 4. \$0.00
- ☐ New non-major source. Proceed to Section 3. Section 1 Subtotal
- ☐ AGENCY ERROR. If this is a timely request to correct an issued permit that involves only an agency error and if the request is received within the deadline for a permit appeal to the Pollution Control Board. Skip Sections 2, 3 and 4. Proceed directly to Section 5.

This agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 ET SEQ. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.

### Section 2: Special Case Filing Fee

8. **Filing Fee.** If the application only addresses one or more of the following, check the appropriate boxes, skip Sections 3 and 4 and proceed directly to Section 5. Otherwise, proceed to Section 3 or 4 as appropriate.

- ☐ Addition or replacement of control devices on permitted units.
- ☐ Pilot projects/trial burns by a permitted unit
- ☐ Land remediation projects \$500.00
- ☐ Revisions related to methodology or timing for emission testing
- ☒ Minor administrative-type change to a permit

**Section 3: Fees for Current or Projected Non-Major Sources**

9. This application consists of a single new emission unit or no more than two modified emission units. (\$500 fee)
10. This application consists of more than one new emission unit or more than two modified units. (\$1,000 fee)
11. This application consists of a new source or emission unit subject to Section 39.2 of the Act (i.e., Local Siting Review); a commercial incinerator or a municipal waste, hazardous waste, or waste tire incinerator; a commercial power generator; or an emission unit designated as a complex source by agency rulemaking. (\$15,000 fee)
12. A public hearing is held (see instructions). (\$10,000 fee)
13. Section 3 subtotal. (lines 9 through 12 - entered on page 1) 13.           \$0.00

**Section 4: Fees for Current or Projected Major or Synthetic Minor Sources**

Application contains modified emission units only	14. For the first modified emission unit, enter \$2,000.	
	15. Number of additional modified emission units = <u>                    </u> x \$1,000.	
	16. Line 14 plus line 15, or \$5,000, whichever is less.	16. <u>          \$0.00          </u>
Application contains new and/or modified emission units	17. For the first new emission unit, enter \$4,000.	
	18. Number of additional new and/or modified emission units = <u>                    </u> x \$1,000.	
	19. Line 17 plus line 18, or \$10,000, whichever is less.	19. <u>          \$0.00          </u>
Application contains netting exercise	20. Number of individual pollutants that rely on a netting exercise or contemporaneous emissions decrease to avoid application of PSD or nonattainment area NSR = <u>                    </u> x \$3,000.	20. <u>          \$0.00          </u>
Additional Supplemental Fees	21. If the new source or emission unit is subject to Section 39.2 of the Act (i.e. siting); a commercial incinerator or other municipal waste, hazardous waste, or waste tire incinerator; a commercial power generator; or one or more other emission units designated as a complex source by Agency rulemaking, enter \$25,000.	
	22. If the source is a new major source subject to PSD, enter \$12,000.	
	23. If the project is a major modification subject to PSD, enter \$6,000.	
	24. If this is a new major source subject to nonattainment area (NAA) NSR, enter \$20,000.	
	25. If this is a major modification subject to NAA NSR, enter \$12,000.	
	26. If the application involves a determination of MACT for a pollutant and the project is not subject to BACT or LAER for the related pollutant under PSD or NSR (e.g., VOM for organic HAP), enter \$5,000 per unit for which a determination is requested or otherwise required. <u>                    </u> x \$5,000.	26. <u>          \$0.00          </u>
	27. If a public hearing is held (see instructions), enter \$10,000.	
28. Section 4 subtotal (line 16 and lines 19 through 28) to be entered on page 1		28. <u>          \$0.00          </u>

**Section 5: Certification**

NOTE: Applications without a signed certification will be deemed incomplete.

29. I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the information contained in this fee application form is true, accurate and complete.

by:                     

Signature

Michael Patton

Typed or Printed Name of Signatory

                     Plant Manager

Title of Signatory

5-25-17

Date

217/782-2113

CONSTRUCTION PERMIT

PERMITTEE

U. S. Steel-Granite City Works  
Attn: ~~Jill Peust~~Guy Lawrence, Environmental Director  
1951 State Street  
Granite City, Illinois 62040

Application No.: 10080021                      I.D. No.: 119813AAI  
Applicant's Designation:                      Date Received: August 16, 2010  
Subject: Steam Rings for the Basic Oxygen Process Furnaces  
Date Issued: January 12, 2011  
Location: 1951 State Street, Granite City, Madison County

This Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission source(s) and/or air pollution control equipment consisting of steam rings for the existing basic oxygen process furnace, as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. Introduction

This permit authorizes the installation of "steam rings" on the two existing Basic Oxygen Process (BOP) Furnaces (the affected furnaces). The steam rings would be a control measure for emissions of particulate matter from these furnaces during the "oxygen blow" or refining phase when oxygen is being fed into the furnaces. The steam rings would inject steam in the area between the oxygen lance and the "lance hole" in the lid of the furnaces, acting to suppress the emissions of particulate through this area during the refining phase.

The installation of the steam rings on the affected furnaces is an emission reduction project required by a Memorandum of Understanding between the Permittee and the Illinois EPA concerning reductions in particulate matter emissions from the Granite City Works. Pursuant to Condition 4(b) of this agreement, operation of the steam rings must begin by October 31, 2011.

2. Other Requirements

This permit does not affect existing applicable requirements for the affected furnaces, including requirements established by the existing permits for the source.

3. Non-Applicability Provisions

- a. This permit is issued based on this project not constituting a major modification subject to Prevention of Significant Deterioration (PSD), 40 CFR 52.21, or Major Stationary Sources Construction and Modification (MSSCAM), 35 IAC Part 203. This is

because this project is an emissions reduction project that will not increase production or emissions from the affected furnaces.

- b. The Illinois EPA has determined that this project, as described in the application, will not constitute a modification of the affected furnaces under the federal New Source Performance Standards, 40 CFR 60, Subpart AAa, as the project has the primary function of reducing emissions and therefore is not considered a modification pursuant to 40 CFR 60.14(e)(5).

4. Operational Requirements

- a.
  - i. Beginning October 31, 2012, during the refining phase of operation, the steam rings on the affected furnace shall be operated at all times of the refining operation, except during times of malfunction of steam rings or associated systems necessary for operation of the steam rings. The steam rings shall be operated in accordance with written procedures developed by the Permittee that set forth the timing and rate of steam injection as related to furnace operation and reflect good air pollution control practice practices to minimize emissions of particulate matter.
  - ii. ~~Prior to October 31, 2012, during the refining phase of operation, the steam rings on the affected furnaces shall be operated in accordance with good air pollution control practice to minimize emissions of particulate matter.~~
  - iii. The Permittee shall make repairs of malfunctions and notifications, if necessary, as provided for in Condition 7(c) below.

5. Operational Monitoring

- a. The Permittee shall install, maintain and operate a continuous monitoring system on each steam ring for the steam valve position (open or closed) and the rate at which steam is being injected.
- b. In addition to keeping records of the data measured by these systems, the Permittee shall keep records of the operation, calibration and maintenance of these systems.

6. Recordkeeping Requirements

- a. The Permittee shall maintain an operating log or other records for the affected furnaces and steam rings that contain information generally documenting the steam rings are being operated in accordance with Condition 4 of this permit, including information for the timing of the refining phase of each heat of an affected furnace.

- b. The Permittee shall maintain detailed records of the following information for each heat in an affected furnace in which the steam ring was not operated during the refining phase:
  - i. Identification of the heat and the duration of the incident, i.e., start time and time normal operation was achieved or the refining phase was completed.
  - ii. Description of the incident, impact on effectiveness of the steam ring, probable cause, and corrective actions.
  - iii. ~~Verification that the established procedures were followed or a description and explanation why procedures were not followed.~~

#### 7. Reporting Requirements

- ~~a. i. Within six months of initial startup of the steam rings on the affected furnaces, the Permittee shall submit to the Illinois EPA: 1) A Project Report; and 2) A draft of the Permittee's written operating procedures for the steam rings, as required by Condition 4(a)(i), for review and comment by the Illinois EPA.~~
- ~~ii. This Project Report shall include:
  - A. An assessment, with supporting documentation, of the effect of the steam rings on the opacity and, as feasible, particulate loading of the exhaust from the roof monitor of the BOP Shop during refining, correlated with the rate of steam injection and other operating parameters of the BOP furnaces and their control system; and
  - B. An identification of circumstances, if any, in which the steam rings must be operated to maintain compliance with applicable emission standards.~~

b.

- a. If there is any deviation of the requirements of this permit, as determined by the records required by this permit or by other means, the Permittee shall promptly report deviations to the Illinois EPA ~~as specified below~~ with the periodic report required by the CAAPP permit for the source until such time as operation of the affected furnaces with steam rings is addressed by an ~~operating in the CAAPP permit for the source~~. The report shall include a description of the deviation, the probable cause of the deviation, corrective actions taken, and any preventive measures taken.
  - ~~i. Deviations from Condition 7(a)(i) shall be reported within 30 days of occurrence.~~

~~ii. Other deviations shall be reported with the periodic report required by the CAAPP permit for the source.~~

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~~or b.~~ The Permittee shall submit reports to the Illinois EPA on a semi-annual basis that include the following information for the operation of the steam rings on the affected furnaces:

Formatted: Numbered + Level: 1 + Numbering Style: a, b, c, ... + Start at: 2 + Alignment: Left + Aligned at: 0.5" + Indent at: 0.75"

i. Total number of heats during the reporting period.

ii. Number of heats during the reporting period without steam rings operating properly, by type of incident, e.g., breakdown of the steam ring interrupting operation, malfunction of the steam ring with insufficient steam flow, or breakdown of support system.

c. Until Consent Decree 2:12-cv-00304 (Northern District Indiana 2017) is terminated, the Permittee shall make repairs at the next routine outage to the extent practicable. If repairs cannot be completed within 14 days from the date of occurrence, the Permittee shall notify the Illinois EPA in writing including a complete description of the Malfunction, the reasons the repairs cannot be completed within 14 days, and a schedule for completion. If a repair cannot be done at the next routine outage, the Permittee shall make the repair by no later than the next extended outage.

~~ii.~~

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#### 8. Authorization for Operation

The Permittee is allowed to operate the affected furnaces with steam rings pursuant to this construction permit until final action is taken to address the steam rings in the CAAPP permit for the source.

If you have any questions on this permit, please contact Kevin Smith at 217/782-2113.

Edwin C. Bakowski, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

Date Signed: \_\_\_\_\_

ECB:KLS:jws

cc: FOS - Region 3, Illinois EPA  
CAAPP Permit File - 96030056



**United States Steel Corporation**  
Pittsburgh, PA 15219

BNY Mellon, N.A.  
Pittsburgh, PA

**0620202502**

8-26  
430

DO NOT CASH UNLESS WARNING BAND AND CHECK BACKGROUND ARE BLUE. WATERMARK ON BACK, HOLD AT ANGLE TO VIEW.

\*\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*  
FIVE HUNDRED AND NO/100 DOLLARS\*\*\*\*\*

05/12/2017

VOID AFTER 90 DAYS

**PAY ONLY** **500.00**  
FIVE ZERO ZERO CTSCTS

TO  
THE  
ORDER  
OF

ILLINOIS STATE OF  
DIVISION OF AIR POLLUTION CONTROL  
PERMIT SECTION PO BOX 19506  
1021 NORTH GRAND AVENUE EAST  
SPRINGFIELD, IL 62794-9506

0001

AUTHORIZED SIGNATURE REQUIRED

⑈06 20 20 250 2⑈ ⑆043000 26 1⑆ 90 2⑈0 76 1⑈

United States Steel Corporation

05/12/2017

**0620202502**

For ERS Invoice Types: Contact Plant

For Inquiries Please Visit: [SteelTrack.uss.com](http://SteelTrack.uss.com)

OMLP

DIV. 74 ILLINOIS STATE OF

VENDOR CODE: 109615 -

PAGE 1 OF 1

PO No.	Rel No.	Invoice Type	Invoice Date	Invoice No.	Discount	Net Remittance	Fac	Remit Comments
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STANDARD 05/05/2017 05-MAY-2017

500.00 817 IMMEDIATE CHECK

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